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## U. S. DEPARTMENT OF AGRICULTURE.

## LIBRARY BULLETIN.

MAY, 1895.

## ACCESSIONS TO THE DEPARTMENT LIBRARY.

JANUARY-MARCH, 1895.

Aducco, Adriano. Chimica agraria. pp. 325. 16°. Milano, 1893. (Manuali Hoepli.)

Aikman, C. M. Agricultural education. pp. 13. 8°. n. p., [1890].

From Blackwood's magazine, August, 1890.

Alberti, Federico. Il bestiame e l'agricoltura in Italia. pp. 312. 16°. Milano, 1893. (MANUALI Hoepli.)

Alken, H. Beauties and defects in the figure of the horse. pp. 28. 8°. Lond., 1881.

Aloi, Antonio. Trattato di agraria. v. 1. Agronomia. Ed. 2. 8°. Torino. 1894.

Altum, Bernard. Forstzoologie. v. 3. 8°. Berl., 1881.

Contents:-Insecten.

Altum, Bernard. Waldbeschädigungen durch thiere, und gegenmittel. pp. 285. 85. Berl., 1889.

American Aberdeen-Angus breeders' association. Report of the proceedings of the 11th annual meeting, Chicago, Nov. 27, 1894. 8°. Harvey, Ill., 1894.

American association for the advancement of science—Botanical club, Committee of. List of pteridophyta and spermatophyta growing without cultivation in northeastern North America. pp. 377. 8°. N. Y., 1893-94. (TORREY BOTANICAL CLUB. Memoirs, v. 5.)

American catalogue of books; or, English guide to American literature, giving the full title of original works published in the United States since the year 1800, with especial reference to works of interest to Great Britain. pp. 190. 8°. Lond., 1856.

American farmer; containing original essays and selections on rural economy and internal improvements ∴. and the prices current of country produce. v.1-13. 4°. Baltimore, 1820-31.

American Guernsey cattle club. Herd-register. v. 1-5. ob. 16°. Hartford, Conn., 1884-94.

American museum of natural history. Bulletin, v. 6.  $8^{\circ}$ . N. Y., 1894.

American philosophical society. Subject register of papers published in the transactions and proceedings; compiled by H. Phillips, jr. pp. 75. 8°. Phila., 1889.

Andrieu, Pierre. Le vin et les vins de fruits. pp. 378. 8°. Paris, 1894.

Annual American catalogue, 1894. 8°. N. Y., 1895.

Appleton's library manual. pp. 434. 8°. N. Y., 1852.

Archer, Thomas C. Popular economic botany. pp. 359. 16°. Lond., 1853.

Archer, Thomas C. Vegetable products of the world in common use. pp. 199. 16°. Lond., 1862.

Barber, C. A. Notes on Antigua grasses. pp. [6]. 4°. [Antigua, W. I.] 1894.

Supplement to the  $Leeward\ Islands\ gazette,\ Oct.\ 4,\ 1894.$ 

Bastin, Edson S. Laboratory exercises in botany. pp. 540. 8°. Phil., 1895.

Bechstein, Johann M. Kurzgefasste gemeinnützige naturgeschichte des in- und auslandes für schulen und häuslichen unterricht. v. 1 in 2 v. 12°. Leipz., 1792-94.

Bechstein, Johann M. Naturgeschichte der stubenthiere, säugethiere, amphibien, fische, insecten, würmer. Ed. 3. pp. 368. 16°. Gotha, 1807.

Beever, W. Holt. Alphabetical arrangement of the leading shorthorn tribes, with notes for the use of breeders. pp. 304. 8°. Lond., [18—].

Behrens, Wilhelm. Tabellen zum gebrauch bei mikroskopischen arbeiten. Ed. 2. pp. 205. 8°. Braunschweig, 1892.

Bendz, Henrik C. B. Kort fremstilling af de almindeligste danske huspattedyrs, bygning og liv. Ed. 4. pp. 306. 8°. Kjøbenhavn, 1881.

Bengal—Agriculture, Department of land records and. Annual report of the Burdwan experimental farm, 1893-94. 8°. Calcutta, 1894.

Bengal—Agriculture, Department of land records and. Annual report of the Dumraon experimental farm, 1893-94. 8°. Calcutta, 1894.

Bengal—Agriculture, Department of land records and. Annual report of the Sibpur experimental farm, 1893-94. 8°. Calcutta, 1894.

Bennett, Alfred W. Introduction to the study of flowerless plants, their structure and classification. pp. 86. 12°. Lond., 1891.

Berkeley, Miles J. Outlines of British fungology. pp. 442.  $8^{\circ}$ . Lond., 1860.

——— Supplement; by W. G. Smith. pp. 386.  $8^{\circ}$ . Lond., 1891.

Berlin—Kaiserliches gesundheitsamt. Gesundheitsbüchlein; gemeinfassliche anleitung zur gesundheitspflege. Ed. 4. pp. 254. 12°. Berl., 1895.

Beseler, Otto. Über züchtung unserer getreidearten und mittel zu deren förderung. pp. 23. 12°. Berl., 1890. Preisschriften und sonderabdrücke der Deutschen landwirtschaftlichen presse, no. 5.

Bestimmungs-tabellen der europäischen Coleopteren. heft 1-29. 8°. [Wien, etc.] 1879-94.

—— Ed. 2. heft 1, 3. 8°. Mödling, 1885-87.

**Biggle**, Jacob. Biggle berry book; a condensed treatise on the culture of berries. pp. 126. 24°. Phila., 1894.

Biologia Centrali-Americana; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America. Edited by F. D. Godman and O. Salvin. Zoology. pt. 118-119. 4°. Lond., 1894.

Blake, John L. Modern farmer; or, Home in the country. pp. 456. 12°. Auburn, N. Y., 1854.

Blanford, W. T. Scientific results of the second Yarkand mission; based upon the collections and notes of Ferdinand Stolickza. Mammalia. pp. 94. 4°. Calcutta, 1879.

Blücher, H. A. Die analyse der biere, spirituösen und des essigs. pp. 291. 12°. Kassel, 1894. (Sammlung chemisch-analytischer taschenbücher, 2.)

Blumenbach, Johann F., editor. Abbildungen naturhistorischer gegenstände. no. 1-100. v. p. 12°. Göttingen, 1810.

Blumenbach, Johann F. Handbuch der naturgeschichte. Ed. 7. pp. 734. 12°. Göttingen, 1803.

Bock, Carl. Menniskokroppen. Ed. 2. pp. 176. 8°. Stockholm, [1883]

Boitard, Pierre. Le Jardin des plantes; description et mœurs des mammifères. Introduction par J. Janin. pp. 308. 4°. Paris, [18—].

Bomare, Valmont de. Dictionnaire raisonné universel d'histoire naturelle. Ed. 3 enl. 9 v. 12°. Lyon, 1776.

Bon (Le) jardinier; almanach horticole pour l'année 1894. 12°. Paris, 1894.

Bonizzi, Paolo. Colombi domestici e la columbicoltura. pp. 209. 16°. Milano, 1887. (Manuali Hoepli.)

Boorsma, W. G. Onderzoek naar de plantenstoffen van Nederlandsch-Indië. pp. 86. 's Gravenhage, 1894. (MEDEDEELINGEN uit 's Lands plantentuin, 13.)

Boston—*Public library*. Bulletin. v. 13, no. 96-99, Apr. 1894–Jan. 1895. 8°. Boston, 1895.

Botanische zeitung, 1843–94. Jahrg. 1–52. 4°. Berl. & Leipz., 1843–94.

Böttner, Johannes. Die obstweinbereitung. Ed. 5. pp. 131. 12°. Oranienburg, [1894].

Bourns, Frank S., and Worcester, D. C. Preliminary notes on the birds and mammals collected by the Menage scientific expedition to the Philippine Islands. pp. 64. 4°. Minneapolis, 1894. (MINNESOTA—Academy of natural sciences. Occasional papers, v. 1, no. 1.)

Boussingault, Jean B. J. D. Rural economy in its relations with chemistry, physics, and meteorology; or, Chemistry applied to agriculture. Translated...by George Law. pp. 507. 12°. N. Y., 1845.

Boyd, W. Andrew, compiler. Boyd's directory of the District of Columbia, 1895. 8°. Wash., 1895.

Bragge, William, compiler. Bibliotheca nicotiana; a catalogue of books about tobacco, together with a catalogue of objects connected with the use of tobacco in all its forms. pp. 248. 8°. Birmingham, 1880.

Brandegee, Katharine. Studies in Ceanothus. pp. [50]. 8°. [San Francisco, 1894.]

Extract from Proceedings of the California academy of sciences, ser. 2, v. 4, pp. 173–222.

Brannt, William T., editor. Petroleum; its history, origin, occurrence, production, physical and chemical constitution, technology, examination and uses; together with the occurrence and uses of natural gas. Edited chiefly from the German of Hans Hoefer and Alex. Veith. pp. 715. 8°. Phila. & Lond., 1895.

Brauer, Friedrich, and Bergenstamm, J. E. Die zweiflügler des kaiserlichen museums zu Wien. pt. 1-6.  $4^{\circ}$ . Wien, 1880-93.

Bread from stones: a new and rational system of land fertilization and physical regeneration. Translated from the German. pp. 135. 16°. Phila., 1894.

Bredsted, H. C. Haandbog i dansk pomologi. v. 1-3, pt. 1-5. 8°. Odense, 1890-94.

Bridgeman, Thomas. Kitchen gardener's instructor. New ed. pp. 164.  $12^{\circ}$ . N. Y., 1857.

British museum—*Library*. Catalogue of printed books—Periodical publications. pp. 1209+363. f°. Lond., 1885-86.

British museum—Reading-room. List of the books of reference. Ed. 3 rev. pp. 475. 8°. Lond., 1889.

**Brooklyn**—*Library*. Analytical and classed catalogue. pp. 1110. f°. Brooklyn, 1881.

Brooks, Charles W. Arctic drift and ocean currents. pp. 18. 8°. San Francisco, 1884.

**Broom-corn** and brooms. New & rev. ed. pp. 59. 12°. N. Y., 1894.

Brown, John C., compiler. Finland; its forests and forest management. pp. 290. 12°. Edinb., 1883.

Brown, John C. Forests of England and the management of them in bye-gone times. pp. 263. 12°. Edinb., 1883.

Brown, John C., compiler and translator. French forest ordinance of 1669; with historical sketch of previous treatment of forests in France. pp. 180. 12°. Edinb., 1883.

Bruni, Folco. Tartufi e funghi. pp. 184. 16°. Milano, 1891. (MANUALI Hoepli.)

Buckley, Robert B. Irrigation works of India, and their financial results. pp. 198. 8°. Lond., 1880.

Buel, Jesse. Farmer's companion; or, Essays on the principles and practice of American husbandry. Ed. 2. pp. 303. 12°. Boston, 1840.

Buist, Robert. Family kitchen gardener. pp. 216. 12°. N. Y., 1857.

Bureau of the American republics. Honduras. (Revised to Mar. 1, 1894.) pp. 186. 8°. Wash., 1892 [1894]. (Bulletin, 57.)

Bureau of the American republics. Monthly bulletin, Dec., 1894. v. 2, no. 6; whole no. 15. 8°. Wash., 1894. Contents:—American live stock—Sheep (continued); compiled by E. T. Riddick.—Consular and other fees.—Brazil—Extracts from inaugural address of President Moraes.—Mexico.—Honduras—Central American exposition.—Uruguay.—Chile.—Guatemala.—Dominican Republic—Tariff decree.—Venezuela—Letter of President Crespo.—Costa Rica.—Commercial notes.

Bureau of the American republics. Paraguay. (Revised to Oct. 15, 1894.) pp. 146. 8°. Wash., 1892 [1894]. (Bulletin, 54.)

Bureau of the American republics. Salvador. (Revised to Mar. 1, 1894.) pp. 169. 8°. Wash., 1892 [1894].

Burmeister, Hermann. Erläuterungen zur fauna Brasiliens. pp. 115. f°. Berl., 1856.

Burmeister, Hermann. Systematische übersicht der thiere Brasiliens. theil 1-3. 8°. Berl., 1854-56.

Burt, Edward A. A North American Anthurus; its structure and development. pp. [20]. 4°. Boston, 1894.

Memoirs of the Boston society of natural history, v. 3, no. 14.

California—Horticulture, Board of. 4th biennial report, 1893-94. 8°. Sacramento, 1894.

Call, Richard E. Life and writings of Rafinesque. pp. 227. 4°. Louisville, Ky., 1895. (Filson club publications, 10.)

Canada—Experimental farms. Reports, 1893. 8°. Ottawa, 1894.

Carega di Muricce, F. Agronomia. Ed. 2. pp. 199. 16°. Milano, 1883. (MANUALI Hoepli.)

Carter, J. M. G. Synopsis of the medical botany of Illinois. pp. 45. 8°. Chicago, 1884.

Carus, J. Victor, and Engelmann, Wilhelm. Bibliotheca zoologica; verzeichniss der schriften über zoologie, welche in den periodischen werken enthalten und vom jahre 1846-60 selbstständig erschienen sind. 2 v. 8°. Leipz., 1861.

Chapuis, F. Synopsis des Scolytides. pp. [57]. 8°. [Liège, 1873.]

Chauveau, A. La vie et l'énergie chez l'animal; introduction à l'étude des sources et des transformations de la force mise en œuvre dans le travail physiologique. pp. 104. 8°. Paris, 1894.

Chevalier, Michel. Des intérêts matériels en France. Ed. 6. pp. 558. 12°. Paris, 1841.

Chips and sparks of enlightened public opinion bearing upon our navigation laws, and other obstructions to commerce and industry. pp. 42. 8°. Boston, 1894.

Chodat, Robert. Monographia Polygalacearum. 2 pts. in 2 v. 4°. Genève, 1891-93. (Société de physique et d'histoire naturelle de Genève. Mémoires, suppl. 1890, no. 7; v. 31, pt. 2, no. 2.)

Chorlton, William. Cold grapery, from direct American practice. pp. 95. 12°. N. Y., 1853.

Christian, Robert. Poisonous properties of hemlock, and its alkaloid conia. pp. [35]. 4°. n. p., [1836].

Christy, Thomas. New commercial plants and drugs. no. 6. 8°. Lond., 1882.

Contents:—Pt. 1. Fibres; their botanical sources, the methods of examining them under the microscope, and their treatment by the Ekman process.—Pt. 2. New plants and drugs; their cultivation and uses.

Clapp, A. Synopsis, or, systematic catalogue of the medicinal plants of the United States. pp. 222. 8°. Phila., 1852.

Clément, A. L. Apiculture moderne. Ed. 2. pp. 126. 8°. Paris, [189-].

Cleveland, O.—Case school of applied science. Catalogue, 1894-95. 8°. Cleveland, 1895.

Cobbett, William. English gardener. pp. 405. 12°. Lond., 1845.

Colorado—Agriculture, Board of. 16th annual report, 1894. 8°. Denver, 1894.

Colorado—Horticulture, State board of. Scmi-annual reports, 1893-94. v. 7. 8°. Denver, 1894.

Conkling, Alfred R. Appletons' guide to Mexico, including a chapter on Guatemala and an English Spanish vocabulary. Ed. 5 rev. pp. 390. 12°. N. Y., 1893.

Cook, P. T. Silver or ? pp. 10. 8°. [Brooklyn, Mich., 1895.]

Cooke, Mordecai C. Edible and poisonous mushrooms; what to eat and what to avoid. pp. 126. 12°. Lond., 1894.

Cooke, Mordecai C. Romance of low life among plants; facts and phenomena of cryptogamous vegetation. pp. 320. 8°. Lond., 1893.

Cooke, Mordecai C. Vegetable wasps and plant worms. pp. 364. 8°. Lond., 1892.

Cooper, J. G. Report on the medical flora of Washington territory. pp. [17]. 8°. n. p., [1857].

Cordel, Oscar. Über die zusammensetzung der wichtigsten Stassfurter kalidünger, und deren werth für die landwirthschaft. pp. 37. 8°. Berl., 1867.

Cours complet d'agriculture . . . ou, Dictionnaire universel d'agriculture . v. 1-10. 4°. Paris, 1785-1800.

Crews, A. W. The potato and its cultivation. pp. 81. 12°. Lond., 1880.

Cultivo de la caña de azúcar en el estado de Morelos de los Estados Unidos Mexicanos. pp. 34. 8°. México, 1885

Curry, J. L. M. Southern states of the American Union, considered in their relations to the constitution of the United States and to the resulting Union. pp. 248. 12°. N. Y., 1895.

**Cushing**, William. Initials and pseudonyms; a dictionary of literary disguises. ser. 1, 2. 2 v. 4°. N. Y., 1885-88.

Cuvier, Georges L. C. F. D., baron. Le règne animal distribué d'après son organisation. 5 v. 8 J. Paris, 1817.

-----. New ed. 5 v. 8°. Paris, 1829. -----. Ed. 3. 3 v. 8°. Bruxelles, 1836.

Dambergis, A. K. Les tabacs et toubekis grecs au point de vue chimique. Rapport présenté au Congrès international de chimie appliquée, Bruxelles, 4-10 août 1894. pp. 24. 4°. Athènes, 1894.

Damseaux, Ad. Manuel des plantes de la grande culture. 2 v. 8°. Namur & Bruxelles, 1894.

Darrow, J. W. Low cost poultry houses. pp. 48. 8°. Chatham, N. Y., 1893.

**Davidson**, James W. Florida of to-day; a guide for tourists and settlers. pp. 254. 12°. N. Y., 1889.

Davis, J. H. A B C of poultry culture. pp. 40.  $8^{\circ}$ . Chatham, N. Y., 1894.

**Demoor**, V. P. G. Du tabac. Ed. 2. pp. 183. 12°. Bruxelles & Paris, 1889.

Ditching and draining; a manual of tables for computing work done. pp. 63. 16°. London, 1860.

Dochnahl, Friedrich J., hrsg. Bibliotheca hortensis. pp. 179. 8°. Nürnberg, 1861.

Dockham, C. A., & co. Dockham's American report and directory of the textile manufacture and dry goods trade. Ed. 15. 29th year. pp. 540. 4°. Boston, 1895.

Donaldson, John. Treatise on manures, their nature, preparation, and application; with a description and use of the most approved British grasses. pp. 416. 8°. Lond., 1846.

Drude, Oscar. Atlas der pflanzenverbreitung. pp. 8. 8 maps. f°. Gotha, 1887. (Berghaus' Physikalischer atlas, abth. 5.)

Dubini, Angelo. L'ape e il suo governo al giorno d'oggi, 1881. pp. 693. 12°. Milano, 1881.

———. Appendice, 1881–85. pp. 64. 12°. Milano, 1886.

Dubois, Alphonse. Faune des vertébrés de la Belgique. Série des oiseaux. v. 2. 8°. Bruxelles, 1894.

Dünkelberg, W. F. De la création des prairies irriguées. Traduit de l'Allemand par A. Cochard. pp. 215. 8°. Paris, 1869.

Eichhoff, W. Ratio, descriptio, emendatio eorum Tomicinorum qui sunt in Dr. Chapuisii et autoris ipsius collectionibus et quos præterea recognovit. pp. 531. 8°. [Liège, 1879.]

Encyclopédie méthodique. Histoire naturelle—Insectes. Text, 8 v. in 15; plates, 4 v. 4°. Paris, 1789-1828.

Engeström, Johan von. Grunddragen utaf jordbrukets ekonomi. 1-2. 8°. Stockholm, 1881-84.

Erichson, Wilhelm F. Genera et species Staphylinorum, insectorum Coleopterorum familiæ. pp. 954. 8°. Berolini, 1840.

**F.**, G. Praktisk handledning i landtmäteriet. Ed. 2, på anmodan redigerad af P. E. Bergstrand. pp. 108. 12°. Stockholm, 1865.

Falconer, William. Mushrooms; how to grow them. pp. 169. 12°. N. Y., 1892.

Farmer's monthly visitor. v. 1-11. 11 v. in 6. 4°. Concord, N. H., 1839-49.

Farquhar, Henry. Stable monetary standard. pp. [34].  $8^{\circ}$ . Salem, Mass., 1894.

From the Proceedings of the American association for the advancement of science, v. 43, pp. 373-406. 1894.

Ferrari, J. A. Die forst- und baumzuchtschädlichen borkenkäfer. pp. 95. 8°. Wien, 1867.

Field Columbian museum, Chicago. Historical and descriptive account of the Field Columbian museum. 8°. Chicago, 1894. (FIELD COLUMBIAN MUSEUM. Publications, v. 1, no. 1.)

Fisher, William R. Forest of Essex; its history, laws, administration and aucient customs, and the wild deer which lived in it. pp. 448. 4°. Lond., 1887.

Fletcher, William I. Library classification. pp. 32. 8°. Boston, 1894.

Fletcher, William I., and Bowker, R. R., editors. Annual literary index, 1894, including periodicals and essays. v. p. 4°. N.Y., 1895.

Florida—Horticultural society. Proceedings of the 7th annual meeting. Apr. 10-13, 1894. 8°. Tallahassee, 1894.

Forbes, Henry O. Hand-book to the primates. 2 v. 12°. Lond., 1894. (Allen's naturalist's library.)

Franceschini, Felice. Insetti nocivi. pp. 263. 16°. Milano, 1891. (Manuali Hoepli.)

Franceschini, Felice. Insetti utili. pp. 160. 16°. Milano, 1882. (MANUALI Hoepli.)

**Fränkel**, Heinrich. Der kampf gegen die margarine. pp. 47. 8°. Weimar, 1894.

Fries, Elias. Hymenomycetes Europæi; sive, Epicriseos systematis mycologici. Ed. 2. pp. 755. 8°. Upsaliæ, 1874.

Gabba, Luigi. Adulterazione e falsificazione degli alimenti. pp. 211. 16°. Milano, 1884. (MANUALI Hoeph.)

Gage, Simon H. Microscope and microscopical methods. Pt. 1, of the Microscope and histology. Ed. 5 enl. pp. 165. 8°. Ithaca, N. Y., 1894.

Gain, Edmond. Précis de chimie agricole. pp. 436. 12°. Paris, 1895. (ENCYCLOPÉDIE de chimie industrielle.)

Contents:—Nutrition des végétaux.—Composition chimique des végétaux.—Fertilisation du sol.—Chimie des produits agricoles.

Gervais, Paul. Ostéographie des Monotrèmes vivants et fossiles; comprenant la description et l'iconographie du squelette et du système dentaire de ces animaux, ainsi que des documents relatifs à leur histoire naturelle. Text and atlas. 4° & f°. Paris, 1877-78.

Giglioli, Enrico H., and Cavanna, G. Zoologia. 3 v. 16°. Milano, 1884-86. (MANUALI Hoepli.)

Gilpin, William S. Practical hints upon landscape gardening. Ed. 2. pp. 235. 8°. Lond., 1835

Girard, Aimé. Recherches sur la culture de la pomme de terre industrielle et fourragère. Text and atlas. Ed. 2 rev. & enl. 8° & 4°. Paris, 1891.

Glock, Johann P. Die symbolik der bienen. pp. 411. 8°. Heidelberg, 1891.

Godfrin, J. Recherches sur l'anatomie comparée des cotylédons et de l'albumen. pp. [154]. 8°. [Paris, 1884.] Annales des sciences naturelles. Botanique. 6° sér., t. 19, pp. 5-158.

Gohren, Karl T. von. Methodischer leitfaden für den chemischen unterricht an landwirthschaftlichen fachschulen. pp. 271. 8°. Wien, 1882.

Göppert, Heinrich R. Über die wärme-entwickelung in den pflanzen, deren gefrieren und die schutzmittel gegen dasselbe. pp. 272. 8°. Breslau, 1830.

Gorini, Gemello. Conservazione delle sostanze alimentari. Ed. 3. pp. 256. 16°. Milano, 1895. (Manuali Hoepli.)

Gravenhorst, C. J. H. Der praktische imker; lehrbuch der rationellen bienenzucht. Ed. 4 enl. pp. 280. 8°. Brannschweig, 1887.

**Gripenberg**, R. Handbok i mejeriskötsel till landtbruks- och mejerielevers behof. pp. 215. 12°. Helsingfors, 1881.

Grisebach, Angust H. R. Gesammelte abhandlungen und kleinere schriften zur pflanzengeographie. pp. 628. 8°. Leipz., 1880.

Grotenfelt, Nils. Handledning i mejerihushållningen. pp. 226. 8°. Stockholm, [1881].

Guild, Reuben A. Librarian's manual; a treatise on bibliography. pp. 304. 8°. N. Y., 1858.

Guilfoyle, William R. Fibres from plants, indigenous and introduced, eligible for industrial culture and experiment in Victoria. pp. 38. 8°. Melbourne, 1894. (VICTORIA, Australia—Agriculture, Department of. [Publications.])

Gurney, John H. Catalogue of the birds of prey (Accipitres and Striges), with the number of specimens in the Norwich museum. pp. 56. 8°. Lond., 1894.

Halphen, Georges. Conleurs et vernis. pp. 388. 12°. Paris, 1895. (ENCYCLOPÉDIE de chimie industrielie et de métallurgie.)

**Handlirsch**, Anton. Monographie der mit Nysson und Bembex verwandten grapwespen. v. p. 8°. Wien, 1887-93.

Aus dem Sitzb. der Kais. akad. der wissensch., jahrg. 1887-90, 92, 93.

Hansgirg, Anton. Physiologische und phycophytologische untersuchungen. pp. 286. 4°. Prag, 1893.

Hasselt, A. W. M. van. Handbuch der giftlehre. pt. 1. 8°. Braunschweig, 1862.

Contents:—Allgemeine giftlehre und die gifte des pflanzenreichs.

Hatch, P. L. Notes on the birds of Minnesota, with specific characters. pp. 487. 8°. Minneapolis, 1892. (MINNESOTA—Geological and natural history surrey. Zoological series, 1.)

**Heeger**, Ernst. Beiträge zur naturgeschichte der insecten. v. p. 8°. [Wien], 1851-58.

Heiden, Eduard. Landbrukets hjelpmedel, öfversättning af Ch. Jacobson. pp. 173. 12°. Stockholm, [1876].

Heine, H. Die braugerste, ihre kultur und eigenschaften für die malzbereitung. pp. 164. 12°. Berl., 1889.

**Henderson**, Peter. Handbook of plants and general horticulture. Ed. 2. pp. 526. 4°. N.Y., 1890.

Hereford herd-book society. Herd-book of Hereford cattle. v. 25. 12°. Hereford, 1894.

**Hertwig**, C. H. Taschenbuch der gesammten pferdekunde. Ed. 4. pp. 389. 12°. Berl., 1878.

Heuzé, Gustave. Les plantes alimentaires. Text and atlas. 3 v. 8°. Paris, [1873\*]. (Cours d'agriculture pratique.)

Hildebrand, Friedrich. Die verbreitungsmittel der pflanzen. pp. 162. 8°. Leipz., 1873.

Hilgard, Eugene W. Über den einfluss des klimas auf die bildung und zusammensetzung des bodens. pp. 92. 8°. Heidelberg, 1893.

Hingham, Mass.—Agricultural and horticultural society. Transactions for the year 1894. 8°. [Hingham, 1895.]

Hinrichs, Gustavus D. Elements of atomic-mechanics. v. 1. 8°. St. Louis, 1894.

Contents: —True atomic weights of the chemical elements and the unity of matter.

Hooibrenk, Daniel. Fécondation artificielle des céréales. pp. 24. 8°. Paris, 1864.

Horsin-Déon, Paul. Le sucre et l'industrie sucrière. pp. 405. 12°. Paris, 1894. (ENCYCLOPÉDIE de chimie industrielle.)

**Houdaille**, F. Le soleil et l'agriculteur, a ec un appendice sur la lune et les influences lunaires. pp. 542. 12°. Montpellier, 1893.

**Huber**, François. Nouvelles observations sur les abeilles. Ed. 2. 2 v. 8°. Paris, 1814.

India—Land records and agriculture, Department of. Field and garden crops of the Northwestern Provinces and Oudh. By J. F. Duthie. pt. 3. 4°. Roorkee, 1893.

India—Land records and agriculture, Department of. Report on the Cawnpore experimental farm for the Kharif and rabi seasons, 1893–94. pp. 22. f°. Allahabad, 1894.

Industrial advantages of Houston, Texas, and environs. pp. 136. 8°. Houston, 1894.

International bimetallic conference. Report of proceedings, London, May 2-3, 1894. 8°. London, [1894].

Jacobs, P. H., editor. Five hundred questions and answers on poultry raising. pp. 47. 8°. Chatham, N. Y., 1894.

Jacquin, Nicolaus J. von. Observationum botanicarum. 4 pts. in 1 v. f°. Vindobonæ, 1764-71.

Jentink, F. A. Catalogue systématique de la collection de J. P. Van Wickevoort Crommelin. pp. 94. 8°. Leide, 1894. (Muséum d'Histoire naturelle des Pays-Bas. Catalogue, 14.)

**Johnson**, Clifton. The farmer's boy. pp. 116.  $8^{\circ}$ . N. Y., 1894.

Johnston, James F. W. Lectures on the application of chemistry and geology to agriculture. New ed. pp. 619+89. 12°. N. Y., 1850.

Jolicœur, Henri. Description des ravageurs de la vigne, insectes et champignons parasites. pp. 236. f°. Reims, 1894.

**Joulie**, H. Méthode de fertilisation des terres arables. pp. 16. 8°. Paris, 1889.

Discours à la réunion du Congrès international agricole à la ferme d'Arcy, le 9 juillet 1889.

**Journal** d'agriculture pratique.  $1^{re}$ - $58^e$  année. 86 v.  $4^\circ$ . Paris, 1837-94.

**Journal** of horticulture, cottage gardener, and home farmer. ser. 1, v. 1–25; ser. 2, v. 1–35. 60 v.  $4^{\circ}$ . Lond., 1849–78.

First series published under the title, Cottage gardener; conducted by Geo. W. Johnson.

Jurine, Louis. Nouvelle méthode de classer les Hyménoptères et les Diptères. v. 1. Hyménoptères. pp. 319. 4°. Genève, 1807.

Kaiser, H. Anatomie und physiologie der haussäugethiere. pp. 146. 8°. Berl., 1880.

Kaup, J. J. Das thierreich in seinen hauptformen systematisch beschrieben. 3 v. in 1. 8°. Darmstadt, 1835-37.

Kayser, Georg. Beiträge zur kenntniss der entwickelungsgeschichte der samen mit besonderer berücksichtigung des histogenetischen aufbanes der samenschalen. Inaugural-dissertation. pp. 74. 8°. Berl., 1893.

**Keelhoff**, J. Traité pratique de l'irrigation des prairies. Ed. 2. Texte and atlas. 8°. Louvain & Paris, 1888.

Kellen, Tony, hrsg. Die kunstwaben; deren nutzen und anwendung beim bienenznchtbetrieb sowie deren fabrikation auf walzwerken und handpressen. pp. 134. 8°. Braunschweig, 1892.

Kette, W., and König, C. E. von. Lupinen und seradellabau. pp. 170. 12°. Berl., 1891.

**Keyser**, Carl J. Organisk kemi. Ed. 2. pp. 345.  $8^{\circ}$ . Stockholm, 1876.

**Kiersted**, Wynkoop. Discussion of the prevailing theories and practices relating to sewage disposal. pp. 182. 12°. N. Y., 1894.

Kirschbaum, C. L. Die Cicadinen der gegend von Wiesbaden und Frankfurt a. M.; nebst einer anzahl neuer oder schwer zu unterscheidender arten aus anderen gegenden Europa's. pp. 202. 8°. [Wiesbaden, 1867-68.] Jahrb. d. Nass. ver. f. nat., 21-22.

Knoch, August W. Beiträge zur insektengeschichte. 3 v. 8°. Leipz., 1781-83.

Knoch, August W. None beiträge zur insektenkunde. 1 theil. pp. 208. 8°. Leipz., 1801.

**Kohl**, F. G. Die officinellen pflanzen der pharmacopæa germanica. pt. 1-26. 4°. Leipz., 1891-94.

Lacoppidan, H. J. G. A. Landthnshållningslära, företrädesvis för mindre landtbrnk. Ed. 2. pp. 401. 8°. Stockholm, [1873].

Laërne, C. F. Van Delden. Brazil and Java; report on coffee-culture in America, Asia, and Africa. pp. 637. 8°. Lond., 1885.

**Lah**n, W., hrsg. Lehre der honig-verwertung. pp. 148. 12°. Oranienburg, 1888.

Lambert, Aylmer B. Account of the herbarium of Professor Pallas. pp. [10]. 4°. [Lond., 1811.]

From the Transactions of the Linnean society, v. 10, pp. 256-265.

Landois, L. Text-book of human physiology. Translated from the 7th German edition, with additions, by Wm. Stirling. Ed. 4. 2 v. 8°. Lond., 1891.

Landolt, Hans, and Börnstein, Richard, editors. Physikalisch-chemische tabellen. Ed. 2. pp. 563.  $4^{\circ}$ . Berl., 1894.

Landwirtschaftliches jahrbuch der Schweiz. Herausgegeben vom schweizerischen landwirtschaftsdepartment. v. 8. 8°. Zürich, 1895.

Larbalétrier, A. Petit dictionnaire d'agriculture, de zootechnie et de droit rural. pp. 199. 12°. Paris, [18—]. (ENCYCLOPÉDIE agricole et horticole.)

Lauche, W. Deutsche pomologie. 6 v. 8°. Berl., 1882-83.

Leavitt, T. H. Facts about peat as an article of fuel. Ed. 3 rev. & enl. pp. 316. 12°. Boston, 1867.

Levavasseur, T. Traité pratique du boisement et reboisement des montagnes, landes et terrains incultes. Ed. 3. pp. 58. 8°. Paris, 1885.

**Library** journal, 1876-94. v. 1-19. 19 v. 4°. N. Y., 1877-94.

**Liebig**, Justus von. Naturlagarne för åkerbruket. pp. 416. 8°. Örebro, 1864. (BIBLIOTHEK i rational landthushållning, 3.)

**Liebig**, Justus von. Naturvetenskapliga bref öfver vår tids landtbruk. pp. 172. 8°. Örebro, 1861.

**Lindeqvist**, Johan. Våra bästa husdjursracer. pp. 35. 8°. Örebro, 1860.

Lindley, John. Theory of horticulture. pp. 387. 8°. Lond., 1840.

Linnæus, Carl von. Brefvexling. Förteckning upprättad af Ewald Ährling. pp. 111. 8°. Stockholm, 1885.

Linnæus, Carl. System of vegetables; translated from the 13th edition (as published by Dr. Murray) of the Systema vegetabilium, by a botanical society, at Lichfield. 2 v. 8°. Lichfield, 1782-83.

**London**—*Entomological society*. Catalogue of the library. pp. 312. 8°. Lond., 1893.

**London**—*Horticultural society*. Journal. v. 1-9. 8°. Lond., 1846-55.

Long, James. Book of the pig. pp. 360. 4°. Lond., 1886

Los Angeles—Public library. 6th annual report of the board of directors and report of the librarian. 8°. Los Angeles, 1894.

Luerssen, Christian. Grundzüge der botanik; repetitorium für studirende der naturwissenschaften und medicin und lehrbuch für polytechnische, land- und forstwirthschaftliche lehranstalten. Ed. 5. pp. 586. 8°. Leipz., 1893.

Lupo, Michele del. Pomologia artificiale secondo il sistema Garnier-Valletti. pp. 131. 16°. Milano, 1891.

Lyon—Commerce, Chambre de. Notice sur le laboratoire d'études de la soie, travanx, collections, documents. pp. 52. 8°. Lyon, 1894.

Lyttkens, Ivar A. Läran om djuren. pp. 244. 8°. Lund, 1875. (Naturlära för elementarläroverken, lärooch läsebok, 1.)

McAdam, John L. Remarks on the present system of road-making. Ed. 7 rev. pp. 236. 8°. Lond., 1823.

Mach, E., compiler. Der weinbau und die weine Deutschtirols. pp. 59. 8°. [Bozen], 1894.

MacPherson, H. A., Stuart-Wortley, A. J., and Saintsbury, George. The partridge. pp. 276. 12°. Lond., 1893.

Madras—Government. Reports on the fibres of southern India. pp. 167. 8°. Madras, 1856. (Madras—Government. Selections from the records, no. 23.)

Magazine of natural history, and journal of zoology, botany, mineralogy, geology, and meteorology. Conducted by J. C. Loudon. 1828-36. 9 v. 8°. London, 1829-36.

—— New series. Conducted by Edw. Charlesworth. 4 v. 8°. Lond., 1837-40.

United in 1841 with the Annals of natural history; or, Magazine of zoology, botany, and geology.

Mahogany tree; its botanical characters, qualities, and uses, with practical suggestions for selecting and cutting it in the regions of its growth, in the West Indies and Central America. pp. 117. 8°. Liverpool. [4851].

Mallet, John W. Cotton; the chemical, geological, and meteorological conditions involved in its successful cultivation. pp. 183. 12°. Lond., 1862

Marneffe, Gustave de. La nutrition végétale et les engrais en horticulture. pp. 51. 12°. Bruxelles, 1892.

Marthens, John F. Typographical bibliography; a list of books in the English language on printing and its accessories. pp. 43. 12°. Pittsb., 1875.

Massachusetts society for promoting agriculture. Infectiousness of milk. pp. 141. 8°. Boston, 1895.

Massee, George. British fungus-flora; a classified text-book of mycology. 3 v. 12°. Lond., 1892-93.

Massee, George. Evolution of plant life, lower forms. pp. 242. 12°. Lond., 1891. (UNIVERSITY extension series.)

**Mégnin**, P. Les parasites et les maladies parasitaires. 2 v. 8°. Paris, 1880.

Contents:-Insectes, Arachnides, Crustacés.

Meigs, J. V. Rapid transit made plain. pp. 33+10. 8°. Lowell, 1894.

Meigs, J. V. True rapid transit; how it may be achieved. pp. 26. 8°. Lowell, 1894.

Meitzen, August. History, theory, and technique of statistics. Translated, with an introduction, by R. P. Falkner. pp. 243. 8 . Phila., 1891.

Supplement to the Annals of the American academy of political and social science, Mar., 1891.

Menault, Ernest. Leçons de choses faites à Annecy pendant le concours régional agricole, juin 1892. Ed. 2. pp. 229. 12°. Annecy, 1893.

Merriam, C. Hart. Laws of temperature control of the geographic distribution of terrestrial animals and plants. pp. [10]. 8°. [Wash., 1894.]

From National geographic magazine, v. 6, pp. 229-238, 1894.

Mexico—Secretaría de fomento, colonización, industria y comercio. Datos mercantiles. Compilados por R. de M. Campos. pp. 472. 8°. México, 1889.

Michaux, André. Flora Boreali-Americana. 2 v. 8°. Parisiis, 1803.

Microscopical bulletin and science news. v. 1-10. 8°. Phila., 1883-94.

Mills, James, and Shaw, Thomas. First principles of agriculture. pp. 250. 16°. Toronto, [1890].

Milwaukee—Commerce, Chamber of. 36th annual report of the trade and commerce of Milwaukee, 1893-94. 8°. Milwaukee, 1894.

Milwaukee—Public library. 17th annual report of the board of trustees. 8°. Milwaukee, 1894.

Minnesota—Dairy and food commissioner. 5th biennial report, July 31, 1893-July 31, 1894. 8°. St. Paul, 1894.

Moloney, Alfred. Sketch of the forestry of West Africa, with particular reference to its present principal commercial products. pp. 533. 12°. Lond., 1887.

Montana—State veterinary surgeon. 5th-6th annual reports, 1893-94. 8°. Butte, 1895.

Montgomery, James. Cotton manufacture of the United States contrasted and compared with that of Great Britain. pp. 219. 8°. Glasgow, [18—].

Mössler, Johann C. Handbuch der gewächskunde, enthaltend eine flora von Deutschland mit hinzufügung der wichtigsten ausländischen eultnrpflanzen. Ed. 3. 2 v. 8°. Altona, 1833-34.

Motschulsky, Victor de, editor. Études entomologiques. v. p. 8°. Helsingfors, 1853-62.

**M**uir, John. Mountains of California. pp. 381. 12°. N. Y., 1894.

Muir, Matthew M. P. Heroes of science. Chemists. pp. 332. 12°. Lond., 1883.

Mulhall, Michael G. Cotton fields of Paraguay and Corrientes. pp. 120. 8°. Buenos Ayres, 1864.

Müller, Hermann. Anwendung der Darwinschen lehre auf bienen. pp. 96. 8°. [Bonn, 1871.]

Verh. d. nat. ver., jahrg. 29, 3. f., 9. bd.

Murrell, William. What to do in cases of poisoning. Ed. 7. pp. 276. 32°. Lond., 1893.

Nanot, J., and Tritschler, L. Traité pratique du séchage des fruits et des légumes. pp. 291. 12°. Paris, 1893. (BIBLIOTHÈQUE agricole.)

Nansen, Fridtjof. First crossing of Greenland. Translated from the Norwegian by H. M. Gepp. 2 v. 8°. Lond., 1890.

Nash, J. A. Progressive farmer; a scientific treatise on agricultural chemistry, the geology of agriculture; on plants, animals, manures, and soils, applied to practical agriculture. pp. 254. 12°. N. Y., 1854.

National cyclopædia of American biography. v. 1-5. 4°. N. Y., 1892-94.

**Natural** history review. v. 1–12. 12 v.  $8^{\circ}$ . Dublin, 1854-65.

Nebraska—State, Secretary of. Roster of soldiers, sailors, and marines of the war of 1812, the Mexican war, and the war of the Rebellion residing in Nebraska, June 1, 1893. pp. 525. 8°. Lincoln, 1893.

Nevada—Immigration, Bureau of. Nevada and her resources. 8°. Carson City, 1894.

Nevada—Surveyor-general and state land register. Report for the years 1893-94. 8°. Carson City, 1895.

New farmer's calendar; or, Monthly remembrancer, for . . . country business; comprehending all the material improvements in the new husbandry, with the management of live stock. pp. 616. 8°. Lond., 1800.

New South Wales—Commission to the World's Columbian exposition. Report [on the exposition, and on the exhibit of New South Wales]. pp. 493. f°. Sydney, 1894.

New South Wales—Public instruction, Department of— Technical education branch. Calendar, 1894; giving details of the course of instruction . . . in the Sydney technical college and branch schools, and particulars as to the technological museums. pp. 111. 8°. Sydney, 1894.

New York—Commerce, Chamber of—Committee on finance and currency. Report on the national finances. pp. 7. 8°. N. Y., 1895.

Nicholson, John. Farmer's assistant. Ed. 2 eul. pp. 468. 8°. Phila., 1820.

Nickell, J. M., compiler. Botanical ready reference, especially designed for druggists and physicians. pp. 268. 12°. Chicago, 1887.

Nuttall, Thomas. North American sylva; or, Description of the forest trees of the United States, Canada, and Nova Scotia not described in the work of F. Andrew Michaux. 3 v. 8°. Phila., 1842, 46, 49.

Olcott, Henry S. Sorgho and imphee, the Chinese and African sugar-canes. pp. 350. 12°. N. Y., 1857.

Oldberg, Oscar, and Wall, O. A. Companion to the United States pharmacopaia. Ed. 2 rev. pp. 1216. 8°. N. Y., 1890.

Ontario—Entomological society. 25th annual report, 1894. 8°. Toronto, 1894.

Orfila, P. Traité des poisons . . . ou, Toxicologie générale. Ed. 2. 2 v.  $8^{\circ}$ . Paris, 1818.

Otken, Charles H. Ills of the South; or, Related causes hostile to the general prosperity of the Southern people. pp. 277. 12°. N. Y., 1894.

Ottavi, Ottavio. Enologia. Ed. 2. pp. 193. 16°. Milano, 1891. (MANUALI Hoepli.)

Owen, John W., compiler. Names and addresses of the orange, lemon, and vegetable growers of south Florida. pp. 120. 8°. Sandford, 1894.

Owen, Richard. Anatomy of vertebrates. 3 v. 8°. Lond., 1866-68.

Palacios, G. Delgado. Contribución al estudio del café en Venezuela. pp. 93. 8°. Carácas, 1895. (Junta central de aclimatación y perfeccionamiento industrial. Publicaciones.)

Pardee, R. G. Manual for the cultivation of the strawberry . . . also, notices of the raspberry, blackberry, currant, gooseberry, and grape. pp. 144. 12°. N. Y., 1854.

Paris—Exposición universal de 1889—Comité general de España. Catálogo de la sección española. pp. 255. pp. 255. 16°. Paris, 1889.

Paris—Exposition universelle de 1889—Commissariat général des États-Unis d'Amérique. Rapport sur les productions agricoles des États-Unis d'Amérique. v. p. 8°. [Paris, 1889.]

Paris—Exposition universelle de 1889—Commission donoise. Le Danemark; catalogne illustré. pp. 96. 8°. Copenhague, 1889.

Paris—Exposition universelle de 1889—Commission de la principauté de Monaco. Catalogue officiel des produits exposés. pp. 118. 8°. Monaco, 1889.

Paris—Exposition universelle de 1889—Commission de la République Argentine. Catalogue spécial officiel de l'exposition de la République Argentine. pp. 512. 8°. Lille, 1889.

Paris—Exposition universelle de 1889—Comité de la section portugaise. Catalogue officiel des sections portugaises. pp. 643. 8°. Paris, 1889.

Paris—Exposition universelle de 1889—Commissariat général russe. Catalogue officiel de la section russe. pp. 157. 16°. Paris, 1889.

Parry, Capt. William E. Journal of a voyage for the discovery of a northwest passage from the Atlantic to the Pacific, 1819-20. pp. 319+179. 4°. Lond., 1821.

Peacock, George. On the supply of nitrate of soda and guano from Pern pp. 52. 8°. Exeter, Eng., 1878.

Peck, Charles H. Annual report of the state botanist of the state of New York, 1893. 8°. Albany, 1894.

From the 47th annual report of the New York state museum of natural history.

Pennsylvania—Agriculture, State board of. Report for 1894. 8°. [Harrisb.], 1894.

Pennsylvania—State college. Catalogue, 1894-95. 8°. State College, Pa., 1895.

**Perkins**, Frederic B., *editor*. Best reading. pp. 343. 12°. N. Y., c'1877.

v. 12°. N. Y., 1892-93.

Perty, Maximilianus. Delectus animalium articulatorum, que in itinere per Brasiliam annis 1817-1820 . . . collegerunt J. B. de Spix et C. F. P. de Martius. pp. 44+224. f°. Monachii, 1830-34.

Petzholdt, Julius. Bibliotheca bibliographica. pp. 939. 8°. Leipz., 1866.

Piaz, Antonio dal. Die obstweinbereitung, nebst obstund beerenbranntwein-brennerei. pp. 320. 12°. Wien, 1894.

Pollichia, ein naturwissenschaftlicher verein der bayerischen Pfalz (der Rheinpfalz). Jahresbericht, 1-35. 8°. Landau, etc., 1843-77.

Porter, George R. Nature and properties of the sugar cane; with . . . directions for the improvement of its culture, and the manufacture of its products. Ed. 2. pp. 240. 8°. Lond., 1843.

Porter, J. Hampden. Wild beasts; a study of the characters and habits of the elephant, lion, leopard, pauther, jagnar, tiger, puma, wolf, and grizzly bear. pp. 380. 8°. N. Y., 1894.

Possanner, Benno von. Technologie der landwirtschaftlichen gewerbe. Ed. 4. v. 1. pp. 390 4°. Wien. 1894.

Contents:—Das wasser und die wärme.—Die stärkefabrication.—Die bierbrauerei.

Practical microscopy; a monthly magazine of microscopical science. v. 5. 8°. Portland, Conn., 1894.

Preston, Samuel P. Pasture grasses and forage plants. and their seeds, weeds, and parasites. pp. 144. 12°. Lond., 1887. (Cow and calf series.)

Prince, William R., and William. Pomological manual; or, Treatise on fruits, containing descriptions . . . . of the most valuable varieties for the orchard and garden. 2 v. in 1. 8°. N. Y., 1831.

Providence—Public library. Monthly bulletin. v. 1. no. 1. 4°. Providence, 1895.

Pucci, Angiolo. Piante e fiori sulle finestre, sulle terrazze e nei cortili. pp. 197. 16°. Milano, 1892. (Manuali Hoepli.)

Puton, A. Die forsteinrichtung im nieder- und hochwaldbetriebe. Ed. 3 pp. 144. 8°. Berl., 1894.

Puton, A. Notes pour servir à l'étude des Hémiptères. pt. 1–3 – 8°. Paris, 1873–76.

Extrait des Annales de la Société entomologique de France, 5° sér., t. 3, 4, 6, 1873, 74, 76.

Ragland, R. L. Tobacco; how to raise it and how to make it pay. pp. 33. 4°. Hyco, Va., 1895.

Rankin, James. Incubator and its use. pp. 72. 12°. [Chatham, N. Y., 18—.]

Rankin, James. Natural and artificial duck culture. pp. 96. 12°. Chatham, N. Y., 1893.

Rankin, James. Sixteen years' experience, in artificial poultry raising. pp. 64. 12°. Chatham, N. Y., 1893.

Reed, William. History of sugar and sugar yielding plants. pp. 206. 12°. Lond., 1866.

Reichenbach, Anton B. Bildergallerie der thierwelt; oder, Naturgeschichte des thierreichs. Ed. 2. v. p. 4°. Leipz., 1835.

Reichenbach, Anton B. Praktische naturgeschichte des menschen und der säugethiere. pp. 807. 4°. Leipz.. 1847.

Reichenow, Anton. Die vögel Deutsch-Ost-Afrikas. pp. 250. 8°. Berl., 1894.

Rein, J. J. Industries of Japan; together with an account of its agriculture, forestry, arts, and commerce. pp. 570. 8°. Lond., 1889.

Reports on zoology for 1843-44. Translated from the German by G. Busk, A. Tulk, and A. H. Haliday. pp. 596. 8°. Lond., 1847. (RAY SOCIETY. [Publications.])

Contents:—1, 2. Mammalia, Ornithology; by Andr. Wagner.—3, 4. Herpetology, Ichthyology: by F. H. Troschel.—5-8. Insects, Arachnida. Crustacea. Entomostraca: by W. F. Erichson.—9. Mollusca; by F. H. Troschel.—10, 11. Mammalia. Birds; by Andr. Wagner.—12. Entomology; by W. F. Erichson.—13. Mollusca; by F. Troschel.—14, 15. Helminthology, Worms, Zoophytes, Protozoa; by C. T. V. Siebold.—16, 17. Reptilia. Ichthyology; by F. H. Troschel.

Riley, Charles V., Ashmead, W. H., and Howard, L. O. Report upon the parasitic Hymenoptera of the Island of St. Vincent. pp. [100]. 8°. [Lond..] 1894.

Extracted from the Linnean society's journal Zoology. v. 25.

Ringelmann, M. Les machines agricoles. sér. 1-3. 3 v. 16°. Paris, 1888-93.

Riondet. A. L'agriculture de la France méridionale. pp. 384. 12°. Paris, [1892?].

Risler, Eugen. Der weizenbau. pp. 203. 12°. Berl., 1888.

Roberts, Job. Pennsylvania farmer; selection from . . . treatises on husbandry. pp. 224. 16°. Phila., 1804.

Robertson, J. M'Gregor. Elements of physiological physics, pp. 528. 16°. Phila., 1884.

Robinson, Benjamin L. On the "List of Pteridophyta and Spermatophyta of North America," prepared by the Nomenclature committee of the Botanical club. pp. [7]. 8°. [Madison, Wis., 1895.]

From the Botanical gazette, v. 20, pp. 97-103.

Robinson, Wirt. Flying trip to the tropics; a record of an ornithological visit to the United States of Colombia, South America, and to the Island of Curaçoa, West Indies, in the year 1892. pp. 194. 8°. Cambridge, Mass., 1895.

Rockhill, William W. Diary of a journey through Mongolia and Tibet in 1891-92. pp. 413. 8°. Wash., 1894. (SMITHSONIAN INSTITUTION. [Special publication.])

Rodgers, M. M. Scientific agriculture: or, Elements of chemistry, geology, botany, and meteorology, applied to practical agriculture. pp. 279. 12°. Rochester, 1848.

Röll, Julius. Unsere essbaren pilze in natürlicher grösse. Ed. 4. pp. 47. 16°. Tübingen, [1894].

Roloff, F. Die beurtheilungslehre des pferdes und des zugochsen. pp. 292. 85. Halle. 1870.

Roscoe, Henry E. Kurzes lehrbuch der chemie. Ed. 4. pp. 450. 12°. Braunschweig, 1873.

Rossignol, H., and Dechambre, P. Éléments d'hygiène et de zootechnie. 2 v. 12°. Paris. 1894.

Rothschütz, E. Illustrierter bienenzuchtsbetrieb. v. 1, 2. 16°. Wien, 1892-94.

Ruiz y Sandoval. Alberto. Algodon en México. pp. 186. 82. México. 1884.

Rümker, Kurt. Ertragserhöhung des getreidebaues. pp. [16]. 12°. Berl., 1890.

Preisschriften und sonderabdrücke der Deutschen landwirtschaftlichen presse, no.5.

Rümpler, A. Konstgjorda gödningsämen, pp. 156. 12<sup>5</sup>. Stockholm, 1877.

Rüppell, Eduard. Atlas zu der reise im nördlichen Afrika. Zoologie. 2 v. f°. Frankfurt a. Main, 1826-28. Contents:—Sängethiere, von J. Cretzschmar.—Fische des rothen Meers, von Ed. Rüppell.

Rüppell, Eduard. Neue wirbelthiere zu der fauna von Abyssinien gehörig. Säugethiere. pp. 148. f°. Frankfurt a. Main. 1835.

Russell, H. L. Outlines of dairy bacteriology. pp. 186.  $12^{\circ}$ . Madison, 1894.

Russell, John L. Discourse delivered before the Massachusetts horticultural society, on the celebration of its seventh anniversary, Sept. 17, 1835. pp. 36. 8°. Boston. 1835.

Russell, Robert. North America; its agriculture and climate. pp. 390. 8°. Edinb., 1857.

Sagot, P., and Raoul, E. Manuel pratique des cultures tropicales et des plantations des pays chauds. pp. 734. 8°. Paris. 1893.

Santias, Alberto, and Lera, Donato. Almanaque-guia, para los empleados de la compañía arrendataria de tabacos. año 2. 8°. Madrid, 1895.

Sargent, Charles S. Silva of North America: a description of the trees which grow naturally in North America, exclusive of Mexico. v. 7. f. Boston, 1895.

Sartori, Luigi, and Rauschenfels, A. de, compilers. L'apicoltura in Italia; manuale teorico-pratico-industriale per la coltivazione razionale del mellifero insetto col favo mobile e col favo fisso. pp. 529. 8°. Milano, [1878].

Saussure, Henri de. Études sur la famille des Vespides. 3 v. 8°. Paris, 1852-54.

Contents:—Monographie des guépes solitaires; on. De la tribu des Euméniens.—Monographie des guépes sociales: ou, De la tribu des Vespides.—Monographie des Masariens, et un supplément à la Monographie des Euméniens.

Scheutz. Georg. Jorden. Ed. 2. pp. 246. 12°. Stockholm, [1857]. (BIBLIOTHEK i populär naturkunnighet, 1.)

Schneidemühl, Georg. Abwehr, tilgung und verhütung der maul- und klauenseuche. pp. 64. 8°. Berl., 1893.

Schneidemühl. Georg. Das thierärztliche unterrichtswesen Deutschlands in seiner geschichtlichen entwickelnng und bedeutung für den thierärztlichen stand. pp. 224. 8°. Leipz., 1890.

Schumann, Karl. Lehrbuch der systematischen botanik, phytopaliiontologie und phytogeographie. pp. 705. 8°. Stuttg., 1894.

Schwab, Konrad L. Lärobok i husdjurens anatomi, pp. 479. 16°. Örebro, 1823.

Schweinitz. E. A. von. Production of immunity with the chemical substances formed during the growth of the bacillus of hog-cholera. pp. 10. 12°. [Phila., 1890.] Reprinted from the Medical news. Oct. 4, 1890.

Schwenke, Paul. Adressbuch der deutschen bibliotheken. pp. 411. 8°. Leipz., 1893.

Scoffern, John. Handy book of the chemistry of soils. pp. 216. 12°. Lond., 1862.

Scott, John. Irrigation and water-supply. Ed. 3. pp. 149. 12°. Lond., 1895. (Scott's farm-engineering text-books)

Shaw, Thomas. Grasses and clovers, field roots, forage and fodder plants. pp. 128. 12°. Minneapolis, 1895.

Simonoff, Leonid de, and Moerder, Jean de. Les races chevalines, avec une étude spéciale sur les chevaux russes. pp. 316. 4°. Paris, [1894].

Smee, Alfred. Potato plant, its uses and properties, together with the cause of the present malady. pp. 157. 12°. N.Y., 1847.

Solly, Edward. Rural chemistry; an elementary introduction to the study of the science in its relation to agriculture and the arts of life. Ed. 3 rev. & enl. pp. 356. 16°. Lond., 1850.

South Dakota—Health, State board of. Biennial report for 1893-94. 8°. Sioux Falls, 1894.

South Dakota—Labor statistics, Commissioner of. Biennial report, 1891–92. 8°. Pierre, 1892.

Spratt, G. Medico-botanical pocket-book; comprising a compendium of vegetable toxicology. pp. 118. 16°. Lond., [1836].

Stål, Carl. Hemiptera Africana. 4 v. 8°. Holmiæ, 1864-66.

Stål, Carl. Hemiptera insularum Philippinarum. pp. [170]. 8°. Stockholm, 1870.

Öfversigt of Kongl. vetenkaps-akademiens förhandlingar, 1870, no. 7.

Stone, Witmer. Birds of eastern Pennsylvania and New Jersey, with introductory chapters on geographical distribution and migration. pp. 185. 8°. Phila., 1894.

Storke, E. G., editor. Family, farm, and gardens, and the domestic animals. pp. [800]. 8°. Auburn, N. Y., 1860.

Stutzer, — and others. Die kuhmilch, ihre erzeugung undverwertung. Ed. 4. pp. 184. 8°. Neudamm, 1894.

Sweet, Robert. Hothouse and greenhouse manual; or, Botanical cultivator. Ed. 3. 2 v. 8<sup>2</sup>. Lond., 1826.

————. Ed. 6. pp. 762. 8°. Lond., 1839.

Tamaro, Domenico. Frutticoltura. pp. 191. 16°. Milano, 1891. (MANUALI Hoepli.)

Tanner, Henry. Åkerbrukets första grunder; autoriserad öfversättning af E. Elmgren. Ed. 2. pp. 79. 8°. Stockholm, [1884].

Taschenberg, E. L. Die Hymenopteren Deutschlands nach ihren gattungen und theilweise nach ihren arten als wegweiser für angehende Hymenopterologen und gleichzeitig als verzeichniss der halleschen Hymenopterenfauna. pp. 277. 8°. Leipz., 1866.

Taschenberg, E. L. Praktische insekten-kunde. v. p. 8°. Bremen, 1879-80.

**Technologisches** wörterbuch Deutsch-Englisch-Französisch, Herausgegeben von Ernst Röhrig. v. 1-2, ed. 4; v. 3, ed. 3. 3 v. 8°. Wiesb., 1887-91.

Thaër, Albrecht D. Principles of agriculture. Translated by Wm. Shaw and C. W. Johnson. 2 v. 8°. Lond., 1844.

Todd, A. S. Report . . . on the medical botany of the state of West Virginia. pp. [18]. 8°. [Wheeling, 1871.]

Torrey, Bradford. Floridasketch-book. pp. 242. 12°. Boston, 1894.

Trimmer, Joshua. Practical ch mistry for farmers and landowners. pp. 216. 12°. Lond., 1842.

Trouessart, E. L. Die geographische verbreitung der tiere. Aus dem französischen übersetzt von W. Marshall. pp. 370. 12°. Leipz., 1892.

Tubeuf, Karl von. Pflanzenkraukheiten durch kryptogame parasiten verursacht. pp. 599. 8°. Berl., 1895.

Tubeuf, Karl von. Samen, früchte und keimlinge der in Deutschland heimischen oder eingeführten forstlichen culturpflanzen. pp. 154. 8°. Berl., 1891.

Twamley, J. Dairying exemplified; or, Business of cheese-making. Ed. 2. pp. 144. 8°. Warwick, 1787.

Ullmann, Martin. Über knochenmehl-düngung, Ed. 2. pp. 53. 12°. Hamb., 1894.

Uruguay—Estadística general. Anuario estadístico de la república oriental del Uruguay, 1892. pp. 676. 4°. Montevideo, 1893.

Vermont—Agricultural experiment station. 7th annual report, 1893. 8°. St. Albans, 1894.

Vermont—University and state agricultural college. Catalogue, 1894-95. 12<sup>5</sup>. Burlington, 1894.

Verstappen, Denis. Les lupins; vingt années de sidération et de défrichement. pt. 2. pp. 94. 8°. Bruxelles, 1891. (Monographies agricoles.)

Vick's monthly magazine. v. 1-13.  $8^{\circ}$ . Rochester, 1878-90.

Victoria, Australia — Agriculture, Department of. Guides to growers. no. 8-16. 8. [Melbourne, 1894.]

Contents: -8. Fruit preserving. -9. Crystallized or glacéd fruits. -10. Cultivation of sugar beet. -11. Process of drying fruits. -12. Complete list of manures, with current values and prices in the Melbourne market. -13. The castor-oil plant. -14. Cultivation of flax and its after treatment. -15. Spraying for fungus diseases. -16. Canary seed; its cultivation. etc.

Victoria, Anstralia — Agriculture, Department of. Poultry breeding and management for the English markets. pp. 31. 8°. Melbourne, [1894].

Victoria, Australia—Agriculture, Department of. Proceedings of conference of horticultural societies and fruitgrowers' associations, March 29-30, 1894. pp. 58. 8. Melbourne, [1894].

Victoria, Australia—Agriculture, Department of. Proceedings of conference of vine-growers' associations, May 10-11, 1894. pp. 88. 8°. Melbourne, [1894].

Victoria, Anstralia—Government statist. Victorian year-book for 1887-88. 3 v. 8°. Melbourne, 1888.

Victoria, Australia—Horticulture, School of. Monthly lectures by various specialists during 1892-93. pp. 124. 8°. Melbonrne, [1894].

Vilmorin, Henry L. de. Les légumes de grande culture. pp. 37. 8°. Troyes, 1894.

Wagner, Andreas. Abweisung der von H. Burmeister zu gunsten des geologisch-vulkanistischen fortschrittes und zu ungunsten der mosaischen schöpfungsurkunden vorgebrachten behauptungen. pp. 48. 8°. Leipz., 1845. Ein Nachtrag zu Geschichte der urwelt.

Wagner, Andreas. Geschichte der urwelt. pp. 578. 8°. Leipz., 1845.

Walker, Francis. Insecta Saundersiana; or, Characters of undescribed insects in the collection of W. W. Saunders. Homoptera. pp. 117. 8°. Lond., 1858.

Wallace, Joseph. Barred and white Plymouth Rocks. pp. 57. 8°. Albany, 1888.

Wallace, Joseph. Wyandottes; silver, golden, black, and white. pp. 86. 8°. Albany, 1891.

Wallihan, A. G. Hoofs, claws, and antlers of the Rocky Mountains. Introduction by Theodore Roosevelt. unp. 4°. Denver, 1894.

Warington, Robert. On the present relations of the agricultural art and natural science. pp. 36. 8°. Lond., 1895.

Westermaier, Max. Kompendium der allgemeinen botanik. pp. 309. 8°. Freiburg im Breisgau, 1893.

Westwood, John O. Revisio insectorum familiæ Mantidarum, speciebus novis ant minus cognitis descriptis et delineatis. pp. 53. f°. Lond., 1889.

Weygandt, Christian. Beitrag zur förderung der bienenzucht. v. p. 8°. Braunschweig, 1889-91.

White, William N. Gardening for the South; or, The kitchen and fruit garden. pp. 402. 12°. N. Y., 1857.

Whitehead, Mortimer. Weather bureau of the United States Department of Agriculture; its organization, history, and vast importance to all farmers. pp. 14. 8°. Wash., 1892.

From the American farmer.

Whitley, Nicholas. Application of geology to agriculture, and to the improvement and valuation of land. pp. 162. 8°. Lond., 1843.

Wiesner, Julius. Elemente der wissenschaftlichen botanik. 3 v. 8°. Wien, 1889-91.

Contents:—v. 1. Anatomie und physiologie der pflanzen.—v. 2. Organographie und systematik der pflanzen.—v. 3. Biologie der pflanzen.

Willcocks, W. Egyptian irrigation. pp. 367. 4°. Lond., 1889.

Wisconsin farmers' institutes. Handbook of agriculture. pp. 263. 8°. n. p., 1894. (Bulletin, 8.)

Wisconsin—Labor, census and industrial statistics, Bureau of. 6th bienuial report, 1893-94. 8°. Madison, 1894.

Withering, William. Systematic arrangement of British plants. Ed. 5 enl. 4 v. 8°. Birmingham, 1812.

Wohltmann, F. Ist es zur zeit noch rationell, englisches zuchtvieh zum zweck der reinzucht oder kreuzung, sowie englisches saatgut nach Dentschland zu importiren? pp. 27. 8°. Leipz., 1893.

 $Separatab druck\ aus\ F\"{u}hling's\ landwirth schaftliche\ zeitung.$ 

**Woll**, F. W. Agricultural calendar for 1895. pp. 307. 16°. N. Y., 1895.

Woll, F. W. Dairy calendar for 1895; a reference book for dairymen, butter and cheese makers. pp. 327. 16°. N.Y., 1895.

Wood, Alphonso. Class-book of botany. Ed. 41 rev. & enl. pp. 645. 12°. Troy, ''1846.

Woodhead, German S. Bacteria and their products. pp. 459. 12°. Lond., 1892. (Contemporary science series.)

Word in season; or, How to grow wheat with profit. By the author of "Lois Weedon husbandry." Ed. 16. pp. 42. 12°. Lond., 1858.

World almanae and encyclopædia, 1895. v. 2, no. 16. pp. 528. 12°. N. Y., 1895.

Youatt, William. Sheep, their breeds, management, and diseases; to which is added the Mountain shepherd's manual. pp. 568+36. 8°. Lond., [1837].

Zahlbruckner, A. Zur flechtenflora des Pressburger komitates. pp. [66]. 8°. Pressburg, 1894.

Separa tabdruck aus den Verhandlungen des Vereines für heil- und naturkunde in Pressburg.

Zakrzewski, C. A. Die organisation des landwirthschaftlichen kreditwesens. pp. 52. 8°. Berl., 1894.

Zieber, Eugene. Heraldry in America. pp. 427. 4°. Phila., 1895.

Zoological record, 1893. v. 30. 8°. Lond., 1894.

Zuccarini, Joseph G. Plantarım novarum vel minus cognitarum, quæ in horto botanico herbarioque regio Monaceusi servantur, descriptio. fase. 1. pp. [110]. 4°. [Monachii, 1829-30.]



